

Sheet 1 of 2

Form PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE					ATTY. DOCKET NO. UF-155CD3	SERIAL NO. 10/627,886	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)							APPLICANT(S): Robert Schmidt, Philip Miller		
		FILING DATE July 24, 2003			GROUP ART UNIT 1638				
U.S. PATENT DOCUMENTS									
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS									
		DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION YES NO	
<i>APL</i>	AA	WO 95 0 9 9 1 1	4-13-95	PCT				Yes	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)									
<i>APL</i>	AB	Cock, J.M. et al. (1991) "A nuclear gene with many introns encoding ammonium-inducible chloroplastic NADP-specific glutamate dehydrogenase(s) in <i>Chlorella sorokiniana</i> " Plant Molecular Biology 17:1023-1044							
	AC	Bascomb, N.F. et al. (1987) "Different Rates of Synthesis and Degradation of Two Chloroplastic Ammonium-inducible NADP-Specific Glutamate Dehydrogenase Isoenzymes during Induction and Deinduction of <i>Chlorella sorokiniana</i> Cells" Plant Physiol. 83:85-91							
	AD	Bascomb, N.F., R. R. Schmidt (1987) "Purification and Partial Kinetic and Physical Characterization of Two Chloroplast-Localized NADP-Specific Glutamate Dehydrogenase Isoenzymes and Their Preferential Accumulation in <i>Chlorella sorokiniana</i> Cells Cultured at Low or High Ammonium Levels" Plant Physiol. 83:75-84.							
	AE	Prunkard, D.E. et al. (1986) "Effect of Different Carbon Sources on the Ammonium Induction of Different Forms of NADP-Specific Glutamate Dehydrogenase in <i>Chlorella sorokiniana</i> Cells Cultured in the Light and Dark" Plant Physiol. 81:413-422.							
	AF	Yeung, A.T. et al. (1981) "Purification of an Ammonium-Inducible Glutamate Dehydrogenase and the Use of its Antigen Affinity Column-Purified Antibody in Specific Immunoprecipitation and Immunoabsorption Procedures" Analytical Biochemistry 110:216-228							
	AG	Meredith, M.J. et al. (1978) "Physical and Kinetic Properties of the Nicotinamide Adenine Dinucleotide-specific Glutamate Dehydrogenase Purified from <i>Chlorella sorokiniana</i> " Plant Physiol. 61:967-974							
	AH	Srivastava, H.S., R. P. Singh (1987) "Role and Regulation of L-Glutamate Dehydrogenase Activity in Higher Plants" Phytochemistry 26(3):597-610.							
	AI	Prunkard, D. E. et al. (1986) "Evidence for Chloroplastic Localization of an Ammonium-Inducible Glutamate Dehydrogenase and Synthesis of its Subunit from a Cytosolic Precursor-Protein in <i>Chlorella sorokiniana</i> " Plant Physiol. 81:349-355.							
<i>APL</i>	AJ	Walls, R.M. et al. (1987) "Barley Mutants Lacking Chloroplast Glutamine Synthetase-Biochemical and Genetic Analysis" Plant Physiol. 83:155-158.							
EXAMINER		DATE CONSIDERED <i>APL</i> 8/17/03							
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

Sheet 2 of 2

Form PTO-1449 (REV: 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. UF-155CD3	SERIAL NO. 10/627,886
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S): Robert R. Schmidt and Philip Miller	
				FILING DATE July 24, 2003	GROUP ART UNIT 1638

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

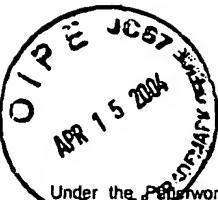
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>RLC</i>	AJ	Miller, B.J. P. J. Lea (1976) "The Pathway of Nitrogen Assimilation in Plants" <i>Phytochemistry</i> 15:873-885.
<i>l</i>	AK	"Nicotinamide Adenine Di Nucleotide Glutamate Dehydrogenase Obtain Chlorella Cell Buffer Extract Two Stage Chromatography Phosphate Buffer Elution" (1982) <i>Biochem. Inst.</i> --abstract only.
<i>AK</i>	AL	Napoli et al. Introduction of a chimeric chalcone synthase gene into petunia results in reversible co-suppression of homologous genes in trans. <i>The Plant Cell</i> . 2:279-289 (1990)
	AM	MPSEARCH results for SEQ ID NO: 1-4 and 7-26 showing at least result 1, the closest prior art.
<i>AK</i>		Bascomb, N.F. et al. (1986) "Specific Polyosome Immunoadsorption to Purify an Ammonium-Inducible Glutamate Dehydrogenase mRNA from <i>Chlorella sorokiniana</i> and synthesis of Full Length Double-Stranded cDNA from the Purified mRNA" <i>Plant Physio</i> . 81:427-432
<i>l</i>	AN	Miller, P. W. et al. (1994) "Transcription initiation site of a NADP-specific glutamate dehydrogenase gene and potential use of its promoter region to express foreign genes in ammonium-cultured <i>Chlorella sorokiniana</i> cells" <i>Journal of Applied Phycology</i> 6:211-223.
<i>AO</i>	AO	Marudith, M. J., R.R. Schmidt (1991) "NAD-Specific glutamate dehydrogenase isoenzyme localized in mitochondria of nitrate-cultured <i>Chlorella sorokiniana</i> cells" <i>Plant Physio</i> . 10:67-71.

EXAMINER	<i>June R. Schmidt</i>	DATE CONSIDERED	<i>8/19/05</i>
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PTO/SB/08B (10-01)

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Substitute for form 1449B/PTO
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	10/627,886
Filing Date	July 24, 2003
First Named Inventor	Robert R. Schmidt
Group Art Unit	1638
Examiner Name	(not yet assigned)
Attorney Docket Number	UF-155CD3

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PLK	R1	MEHTA, R.A. et al., Engineered polyamine accumulation in tomato enhances phytonutrient content, juice quality, and vine life" Nature Biotechnology, June 2002, Vol. 20, 613-618.	
PLK	R2	PARK, S.M. et al., Elucidation of anaplerotic pathways in Corynebacterium glutamicum, Appl. Microbiol Biotechnol, 1997, Vol. 47, 430-440.	
	R3		
	R4		
	R5		
	R6		
	R7		
	R8		
	R9		
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	R11		
	R12		
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Examiner
Signature

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8/1/05

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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